

Title: High Speed, Automated, Continuous Flow,
Multi-Dimensional Molecular Selection and Analysis
Inventor(s): Jindal *et al.*
Serial No.: Division of U.S.S.N. 09/267,993
Atty Docket No.: SYP-101DV
Atty/Agent: Michael H. Brodowski
Express Mail Mailing Label No. EL902309032US

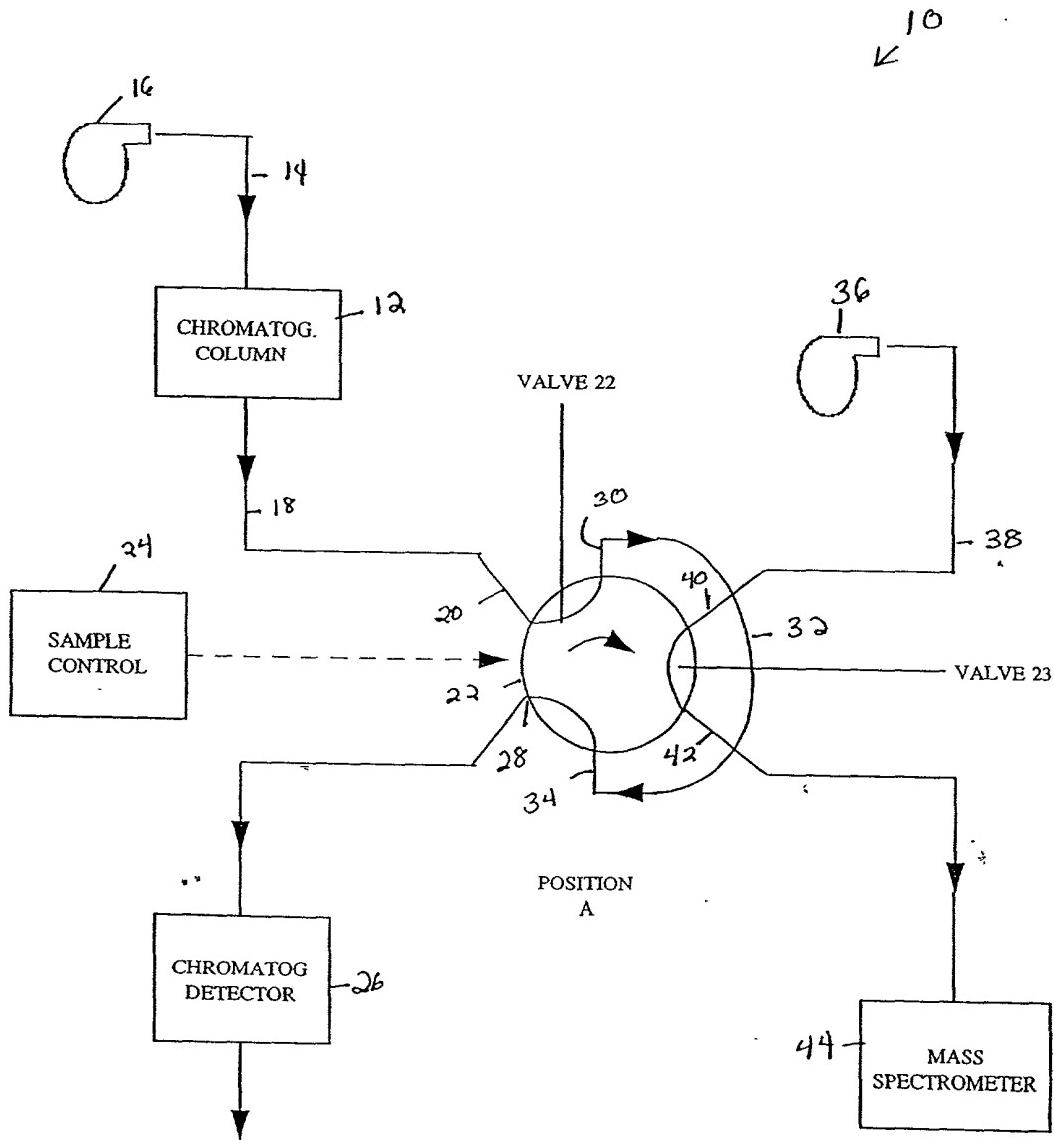


Fig. 1

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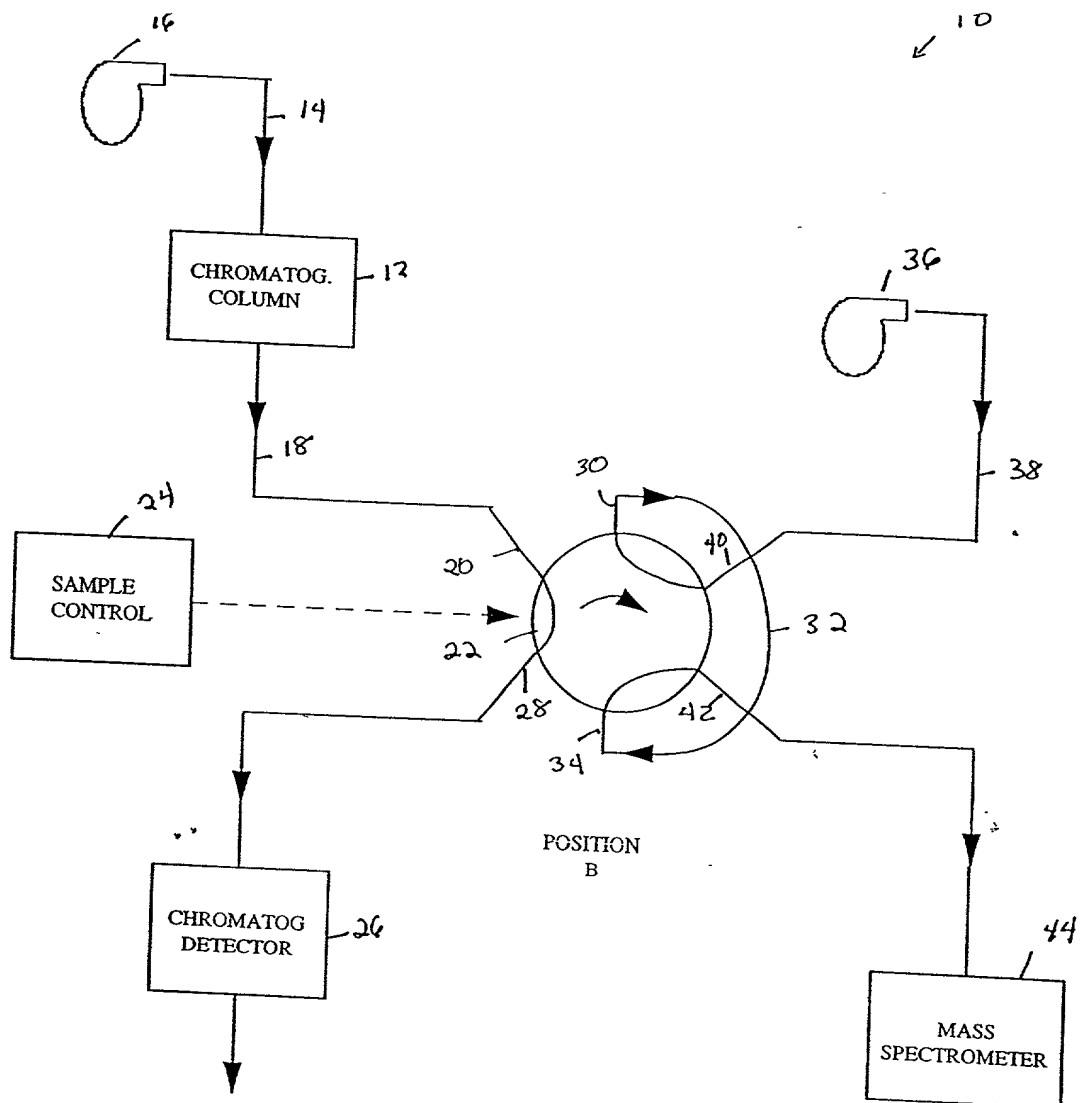


Fig. 2

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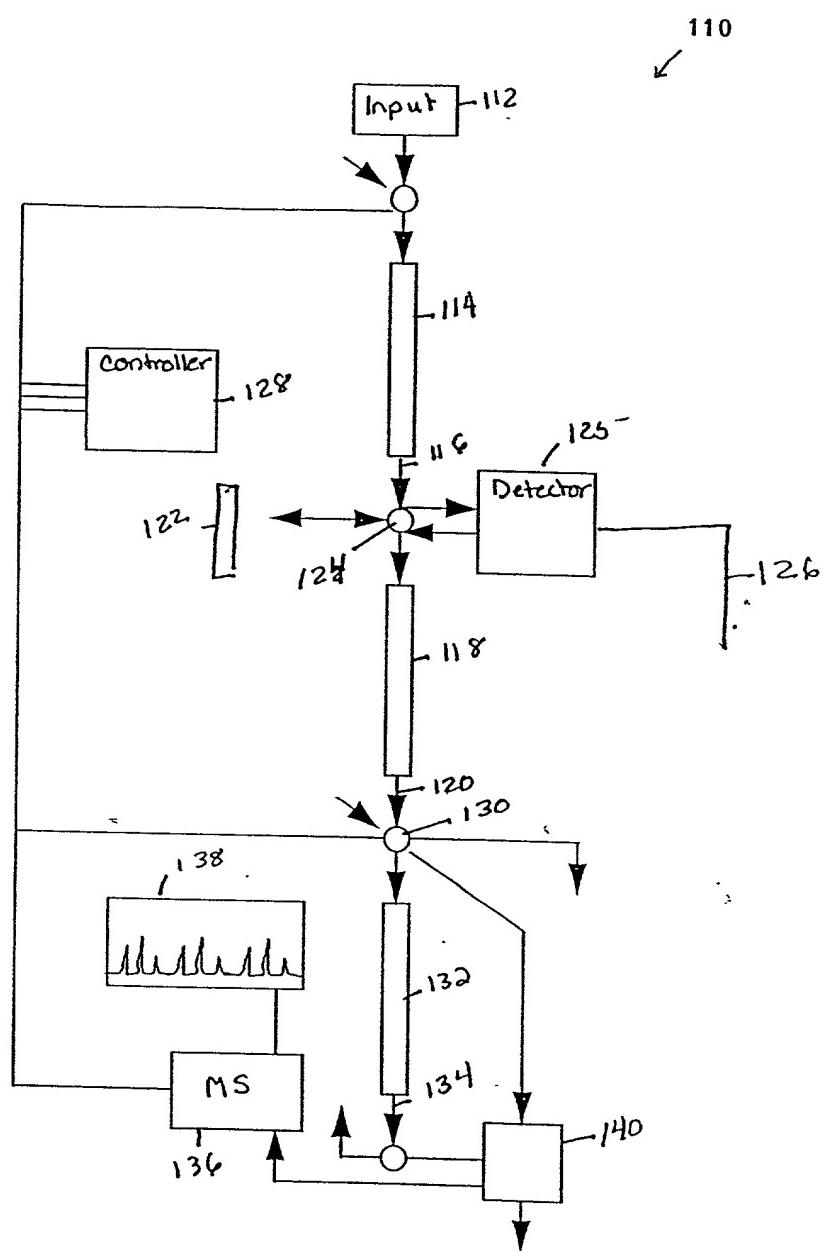


Fig. 3

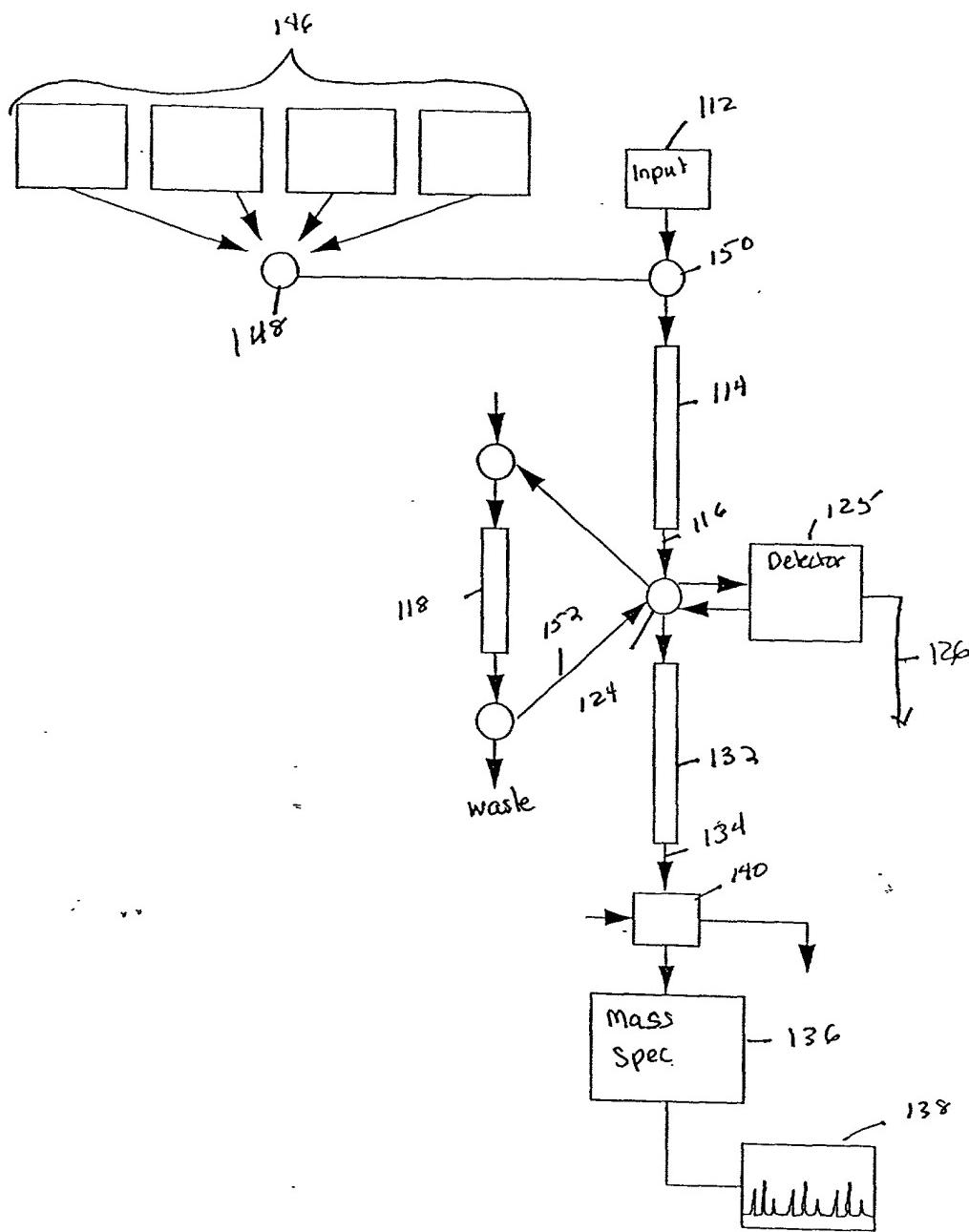


Fig. 4

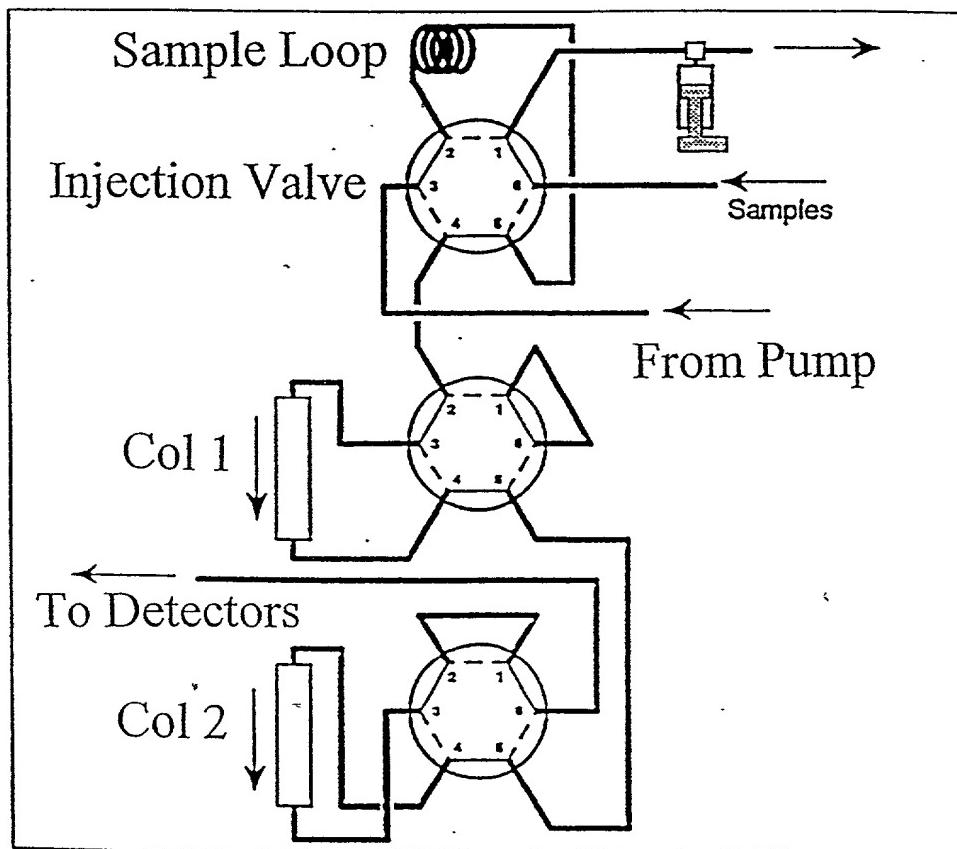


Fig. 5

Target-based screening of human rhsp70

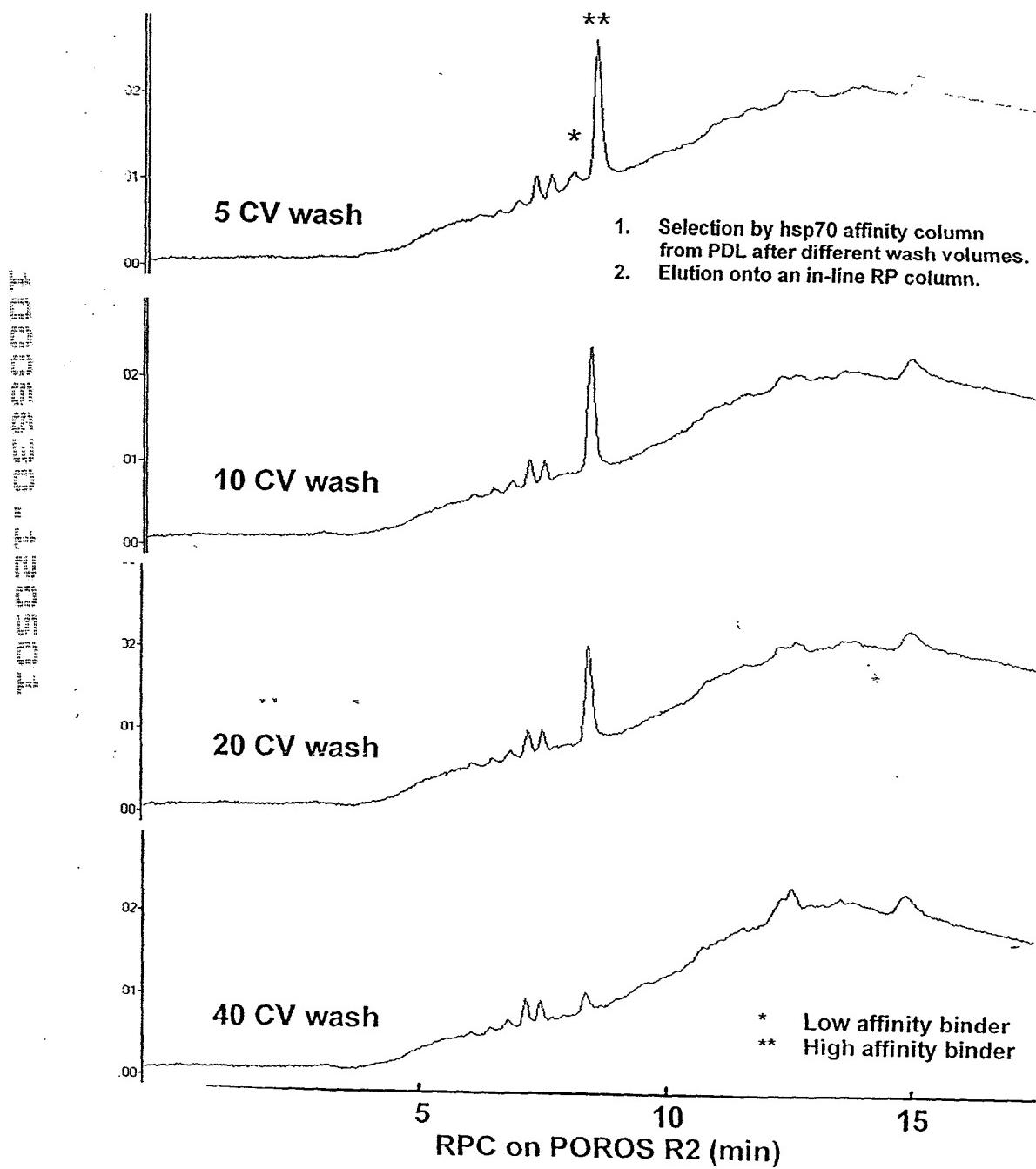


Fig. 6

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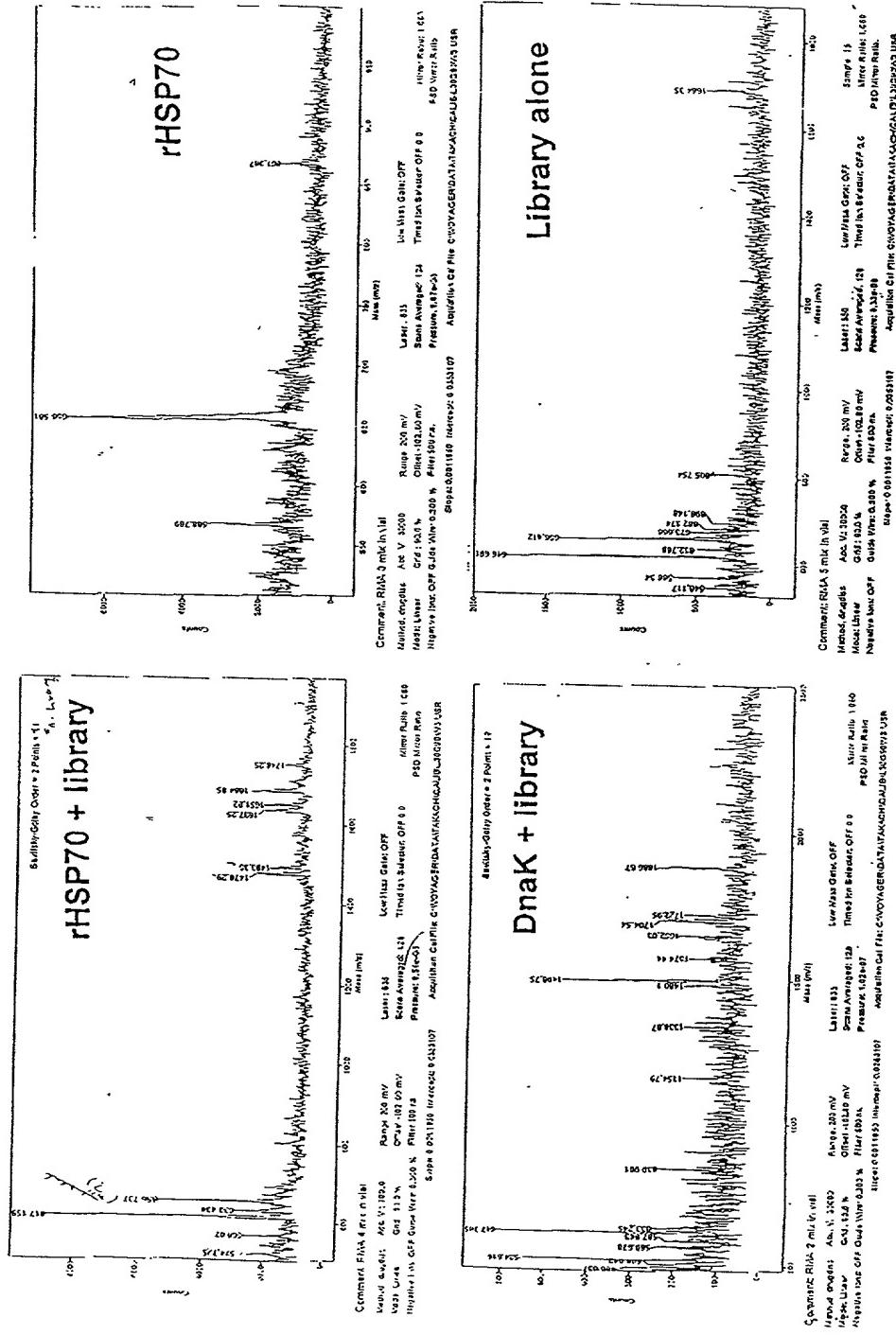


Fig. 7

Identification of Peptide sequences binding to Concanavalin A in a sugar-specific manner*

Ranking amino acids from greatest to least enrichment over control
30min incubation on-column

Cycle #	No Incubation on-column								30min incubation on-column							
	Cycle #								Cycle #							
1	H	R	Q	N		1	W	H	Q	R	I	V		N		
2	H	N	Q			2	W	V	T	Q	I	P				
3	R	HDAN				3	W	V	T	Q	D	E				
4	S	R	W	Y		4	W	S	Q	V	E	N				
5	Y	R	Q			5	V	T	W	Q	EDG	N	R			

*Table showing enrichment of amino acids at each cycle in the absence and presence of sugar